

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Attorney Docket No.: Q76592

Application No.: 10/622,736

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1 - 5. (canceled).

6. (previously presented): The reagent kit of claim 8 wherein the phosphatidylserine is synthetic phosphatidylserine or at least 99% purified phosphatidylserine derived from natural resources.

7. (previously presented): The reagent kit of claim 21, wherein each of the first and third reagents further contains an activator .

8. (currently amended): A reagent kit for detecting lupus anticoagulant in blood, said kit comprising:

a first reagent containing phospholipids including phosphatidylserine, the concentration of the phosphatidylserine in the first reagent ranging from ~~30~~3  $\mu\text{g/ml}$  to 1000  $\mu\text{g/ml}$ ;

a second reagent containing calcium ions;

a third reagent containing phospholipids including phosphatidylserine, the concentration of the phosphatidylserine in the third reagent ranging from 0.2  $\mu\text{g/ml}$  to ~~20~~200  $\mu\text{g/ml}$ ; and

a fourth reagent containing calcium ions;

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Attorney Docket No.: Q76592

Application No.: 10/622,736

wherein the content of phosphatidylserine to the total content of the phospholipids in the first reagent is different from the content of phosphatidylserine to the total content of the phospholipids in the third reagent, wherein the concentration of the phosphatidylserine in the first reagent is higher than that of the phosphatidylserine in the third reagent,

and

wherein the lupus anticoagulant is detected based on a first coagulation time obtained by using the first and second reagents, and a second coagulation time obtained by using the third and fourth reagents.

9. (previously presented): The reagent kit of claim 8, wherein the concentration of the phosphatidylserine in the first reagent ranges from 30 µg/ml to 100 µg/ml.

10. (previously presented): The reagent kit of claim 8, wherein the concentration of the phosphatidylserine in the third reagent ranges from 2 µg/ml to 20 µg/ml.

11. (previously presented): The reagent kit of claim 8, wherein each of the first and third reagents further contains phosphatidylethanolamine and phosphatidylcholine.

12. (previously presented): The reagent kit of claim 11, wherein the concentration of the phosphatidylethanolamine in each of the first and third reagents ranges from 0.1 µg/ml to 300 µg/ml, and the concentration of the phosphatidylcholine in each of the first and third reagents ranges from 2 µg/ml to 1000 µg/ml.

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Attorney Docket No.: Q76592

Application No.: 10/622,736

13. (previously presented): The reagent kit of claim 11, wherein the concentration of the phosphatidylethanolamine in each of the first and third reagents ranges from 1  $\mu\text{g/ml}$  to 30  $\mu\text{g/ml}$ , and the concentration of the phosphatidylcholine in each of the first and third reagents ranges from 20  $\mu\text{g/ml}$  to 100  $\mu\text{g/ml}$ .

14. (previously presented): The reagent kit of claim 8, wherein each of the first and third reagents further contains phosphatidylethanolamine, phosphatidylcholine and an activator.

15. (previously presented): The reagent kit of claim 14, wherein the activator is at least one selected from the group consisting of ellagic acid, kaolin, and celite.

16. (previously presented): The reagent kit of claim 8, wherein each of the first and third reagents further contains a viper venom .

17. (previously presented): The reagent kit of claim 8, wherein each of the first and third reagents further contains phosphatidylethanolamine, phosphatidylcholine and viper venom .

18. (original): The reagent kit of claim 16, wherein the viper venom is at least one selected from the group consisting of Russel's venom, textarin venom and ecarin venom.

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Attorney Docket No.: Q76592

Application No.: 10/622,736

19. (previously presented): The reagent kit of claim 8, wherein each of the first and third reagents further contains a tissue factor .

20. (previously presented): The reagent kit of claim 8, wherein each of the first and third reagents further contains phosphatidylethanolamine, phosphatidylcholine and a tissue factor .

21. (currently amended): A reagent kit for detecting lupus anticoagulant in blood, said kit comprising:

a first reagent containing phospholipids including phosphatidylserine, phosphatidylethanolamine and phosphatidylcholine, the concentration of the phosphatidylserine in the first reagent ranging from ~~30~~3  $\mu\text{g/ml}$  to  $1000 \mu\text{g/ml}$ , the concentration of the phosphatidylethanolamine in the first reagent ranging from  $0.1 \mu\text{g/ml}$  to  $300 \mu\text{g/ml}$ , and the concentration of the phosphatidylcholine in the first reagent ranging from  $2 \mu\text{g/ml}$  to  $1000 \mu\text{g/ml}$ ;

a second reagent containing calcium ions;

a third reagent containing phospholipids including phosphatidylserine, phosphatidylethanolamine and phosphatidylcholine, the concentration of the phosphatidylserine in the third reagent ranging from  $0.2 \mu\text{g/ml}$  to ~~20~~200  $\mu\text{g/ml}$ , the concentration of the phosphatidylethanolamine in the third reagent ranging from  $0.1 \mu\text{g/ml}$  to  $300 \mu\text{g/ml}$ , and the concentration of the phosphatidylcholine in the third reagent ranging from  $2 \mu\text{g/ml}$  to  $1000 \mu\text{g/ml}$ ; and

a fourth reagent containing calcium ions;

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Attorney Docket No.: Q76592

Application No.: 10/622,736

wherein the content of phosphatidylserine to the total content of the phospholipids in the first reagent is different from the content of phosphatidylserine to the total content of the phospholipids in the third reagent,

wherein the concentration of the phosphatidylserine in the first reagent is higher than that of the phosphatidylserine in the third reagent, and

wherein the lupus anticoagulant is detected based on a first coagulation time obtained by using the first and second reagents, and a second coagulation time obtained by using the third and fourth reagents.

22. (canceled).

23. (canceled).

24. (previously presented): The reagent kit of claim 21, wherein the concentration of the phosphatidylserine in the first reagent ranges from 30 µg/ml to 100 µg/ml and the concentration of the phosphatidylserine in the third reagent ranges from 2 µg/ml to 20 µg/ml.

25. (previously presented): The reagent kit of claim 21, wherein each of the first and third reagents further contains a viper venom.

26. (previously presented): The reagent kit of claim 21, wherein each of the first and third reagents further contains a tissue factor.

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

Attorney Docket No.: Q76592

Application No.: 10/622,736

27. (previously presented): The reagent kit of claim 21, wherein the phosphatidylserine is synthetic phosphatidylserine or at least 99% purified phosphatidylserine derived from natural resources.